

FIG. 1

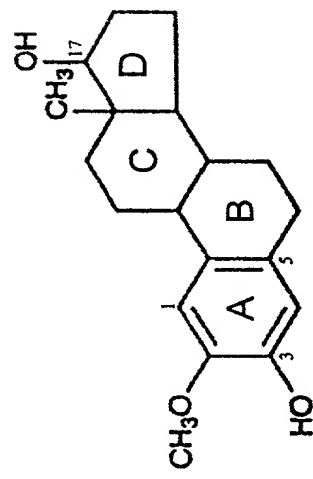
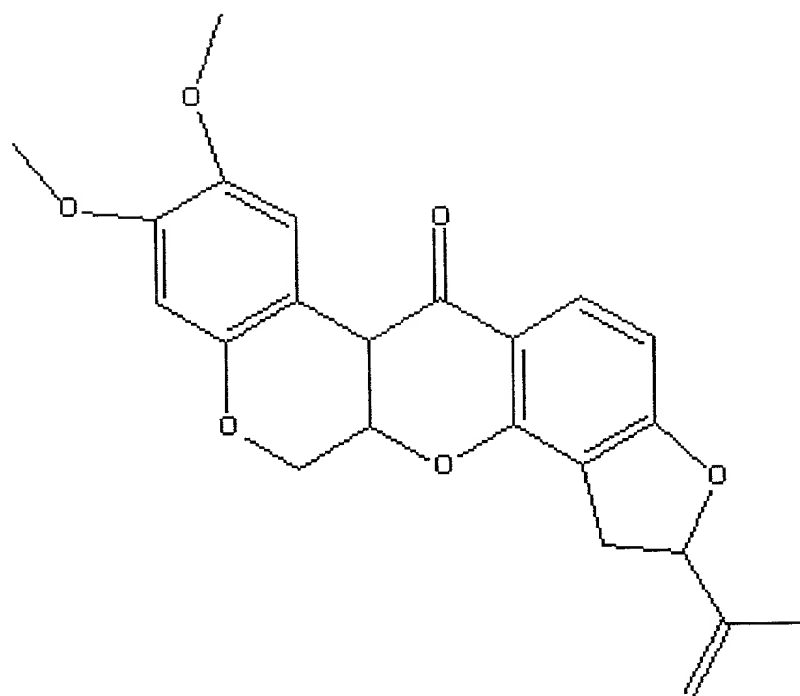


FIG. 2



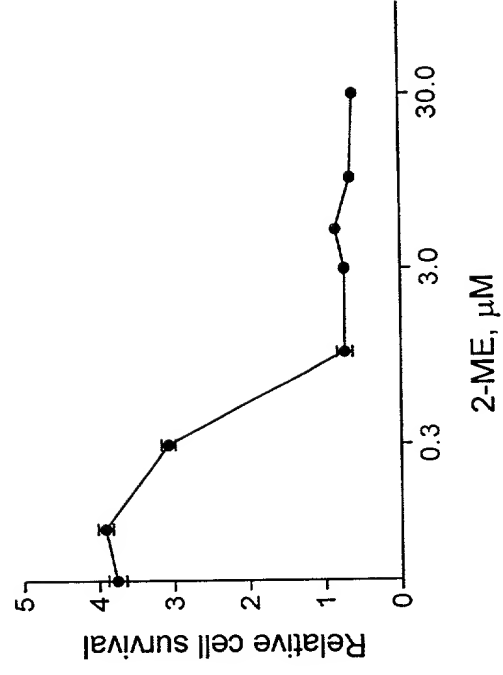


FIG. 3

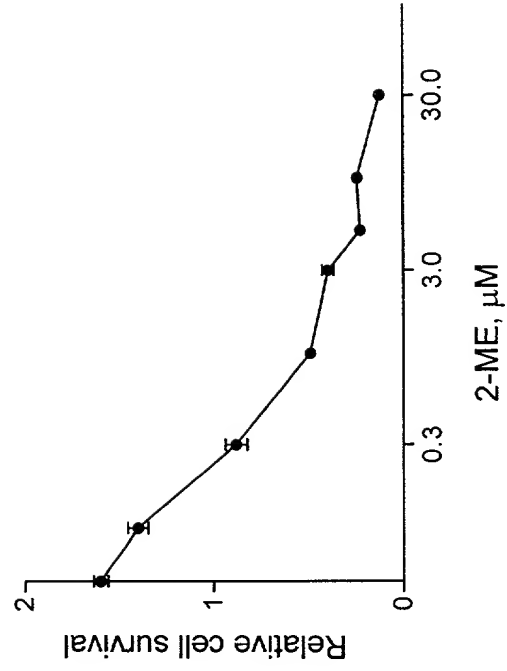
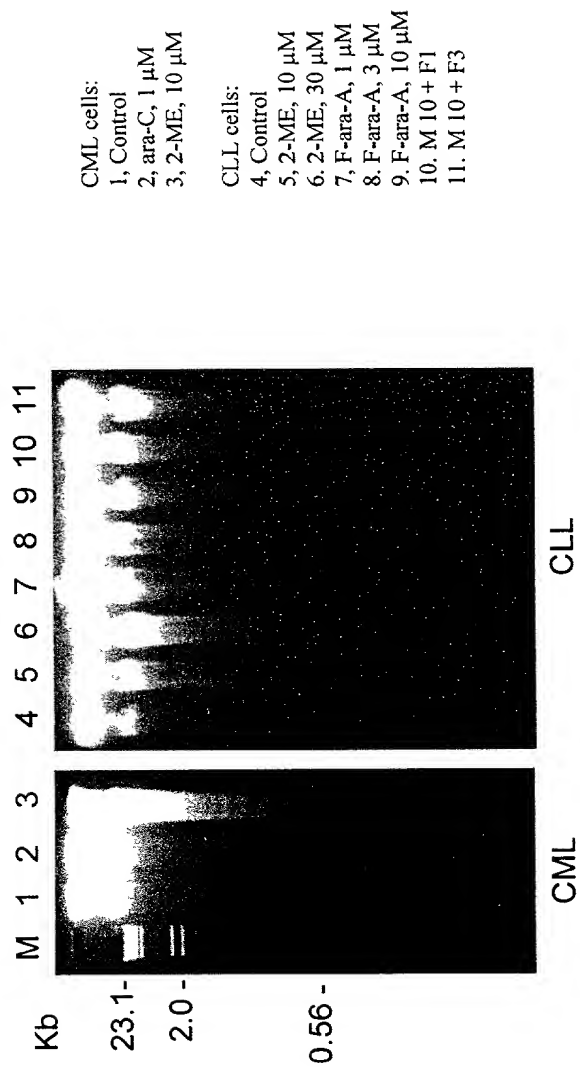
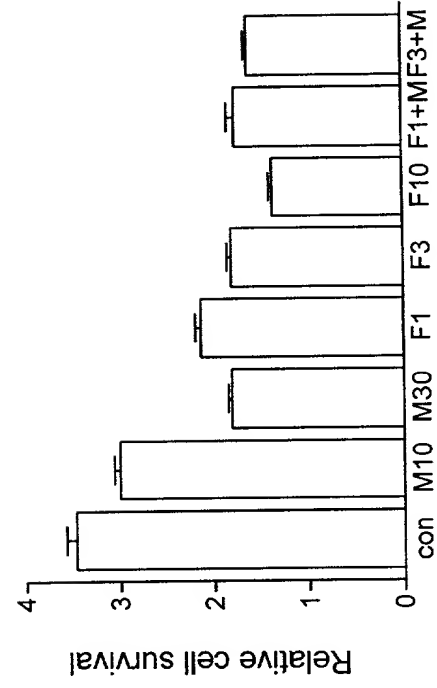


FIG. 4



**FIG. 5**



**FIG. 6**

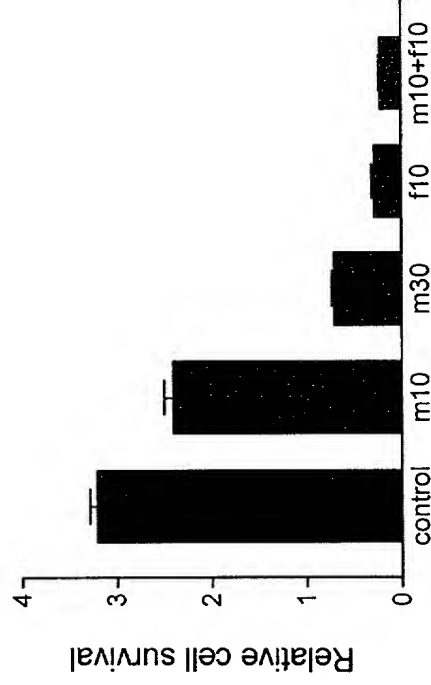


FIG. 7

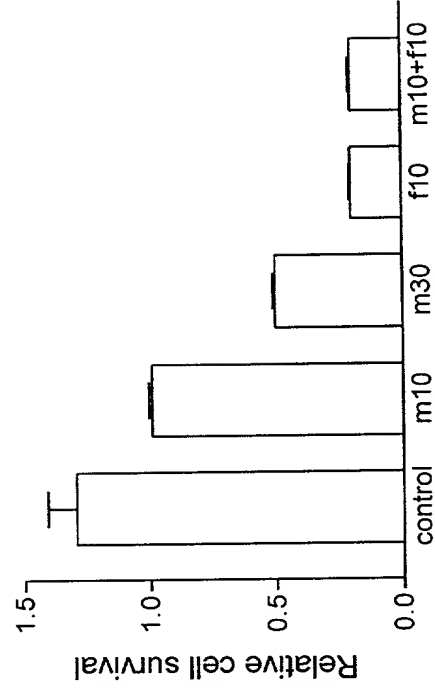
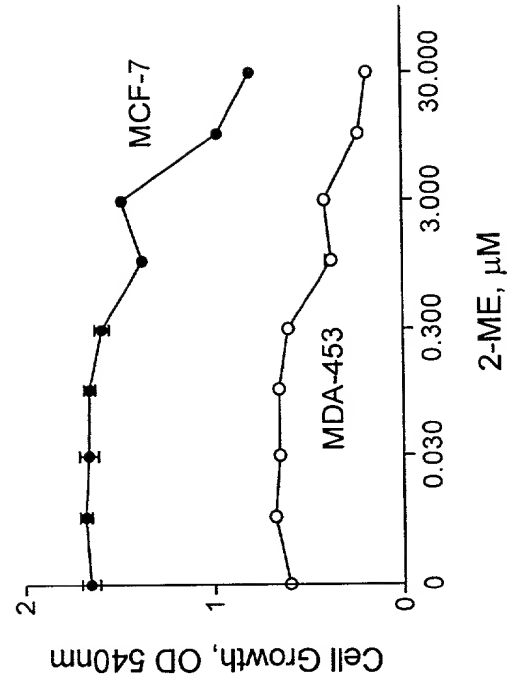
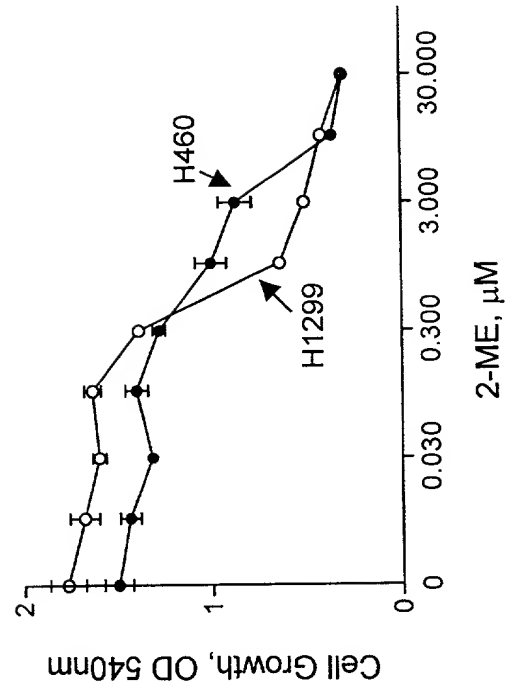


FIG. 8





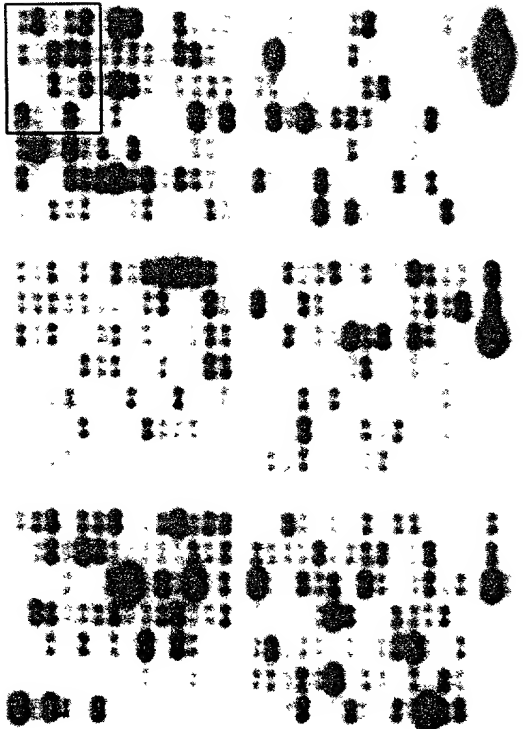
**FIG. 9**



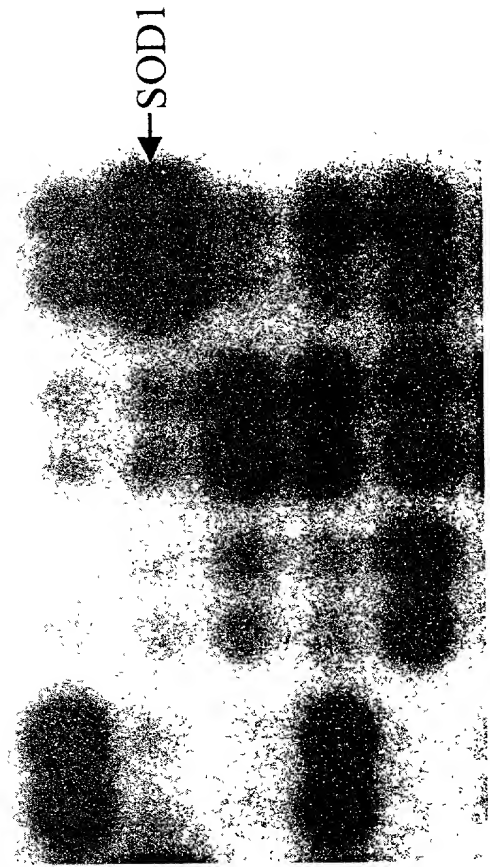
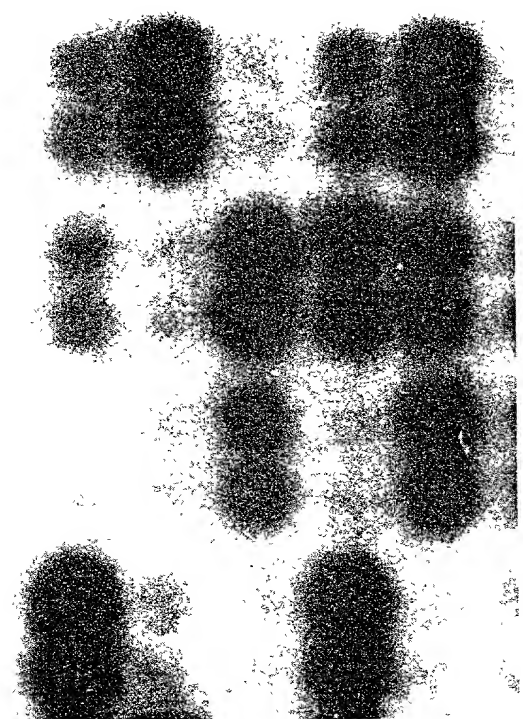
**FIG. 10**

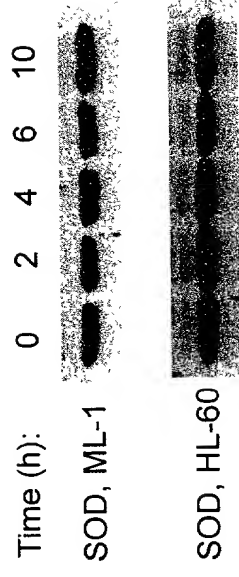
FIG. 11

Control ML-1 cells



2-ME, 1  $\mu$ M, 5 h





**FIG. 12**

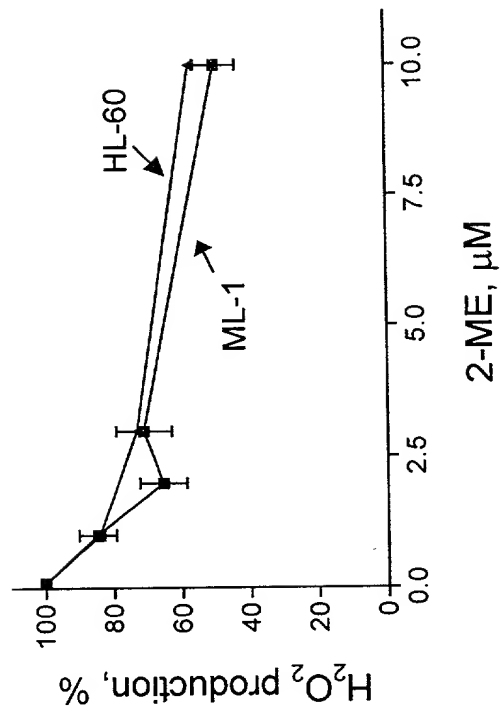


FIG. 13

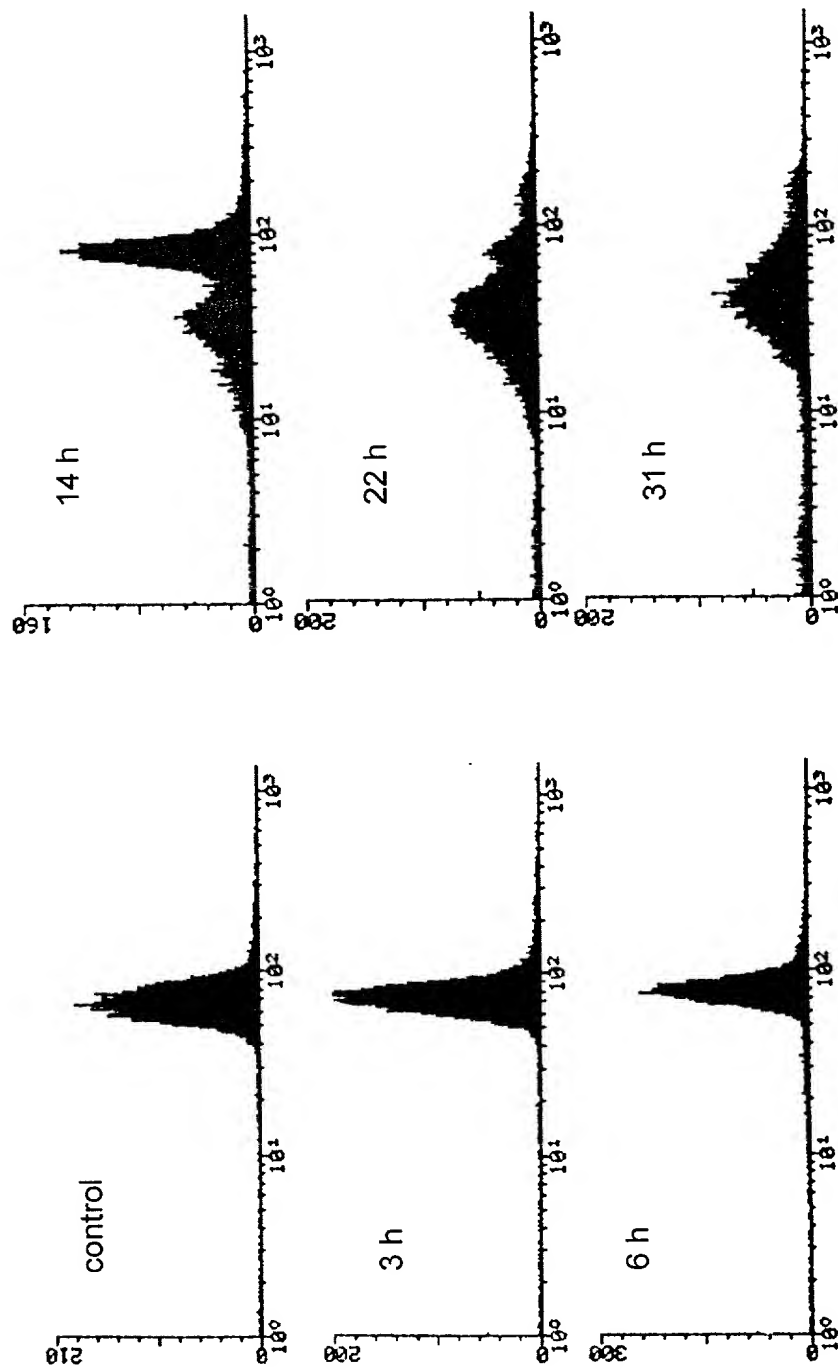


FIG. 14

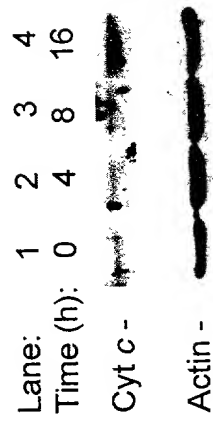
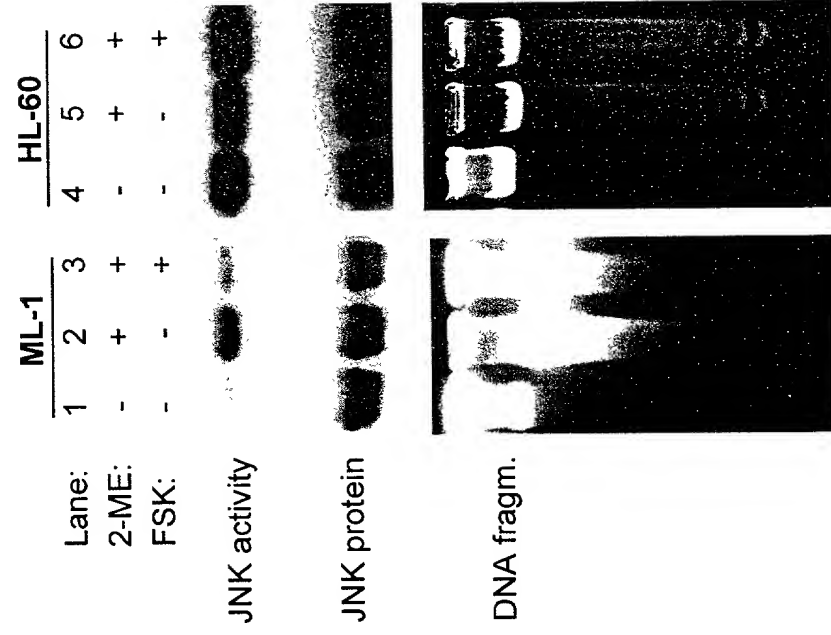


FIG. 15



**FIG. 16**



FIG. 17A

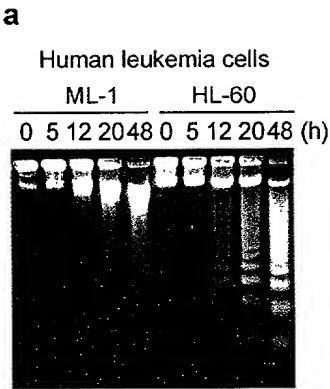


FIG. 17B

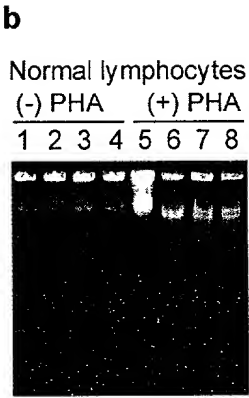


FIG. 17C

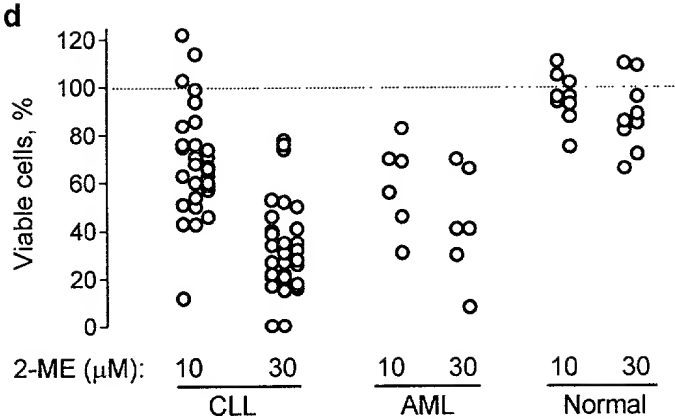
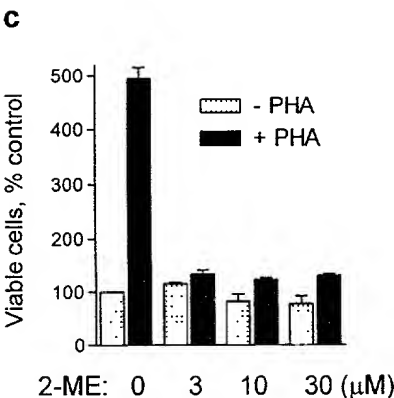


FIG. 17D

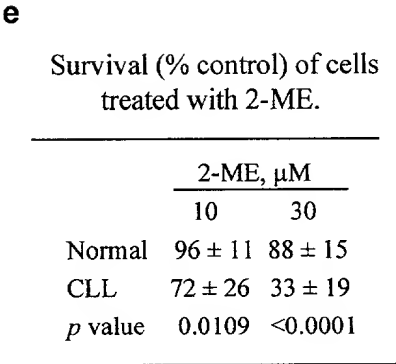


FIG. 17E

FIG. 18A

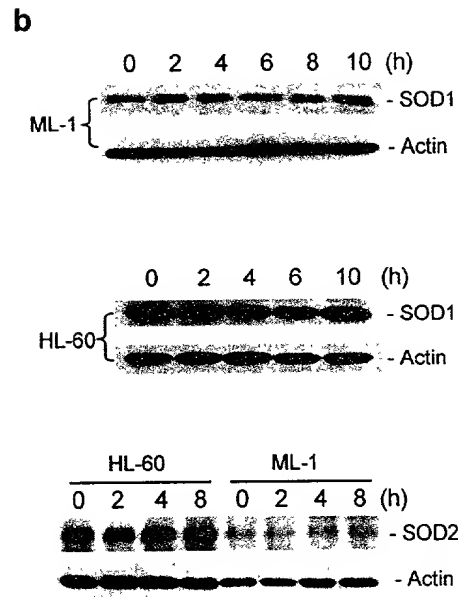
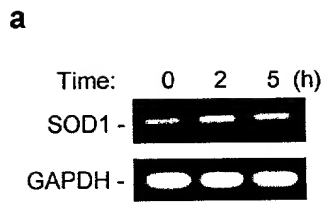


FIG. 18B

FIG. 18C

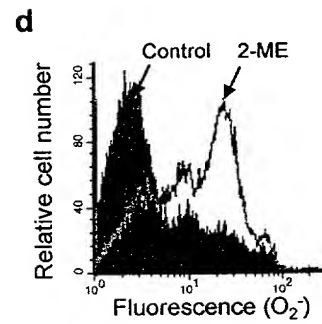
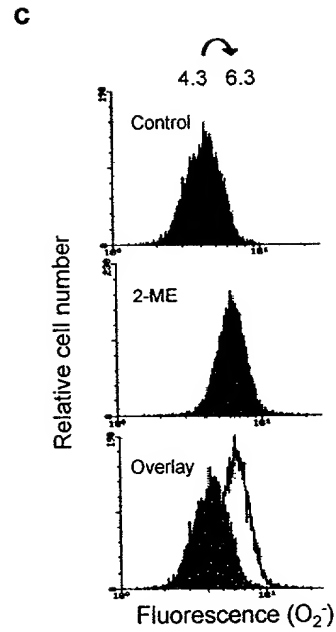


FIG. 18D

FIG. 19A

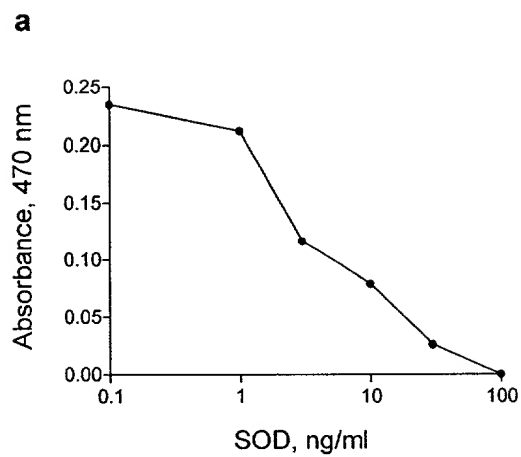


FIG. 19B

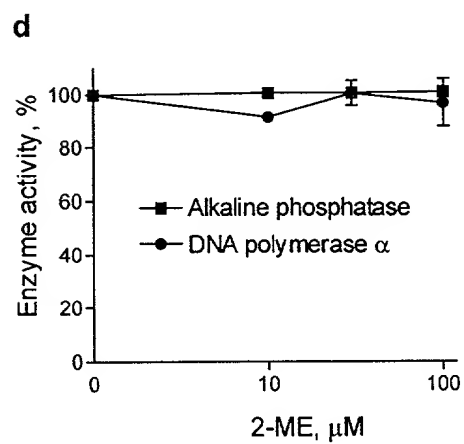
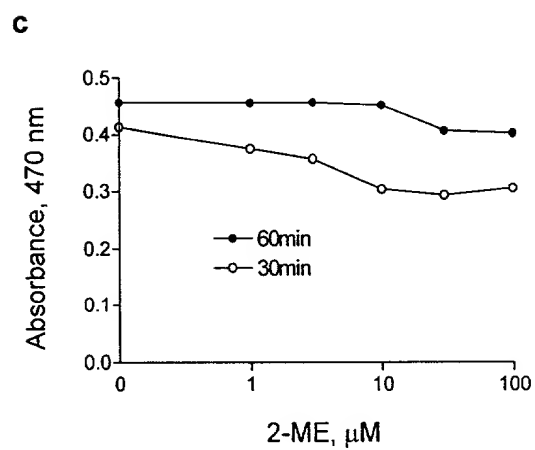
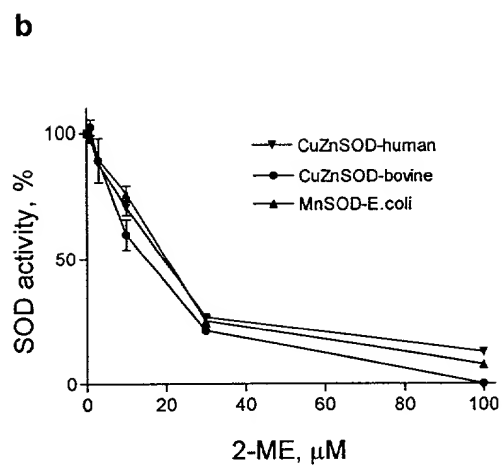
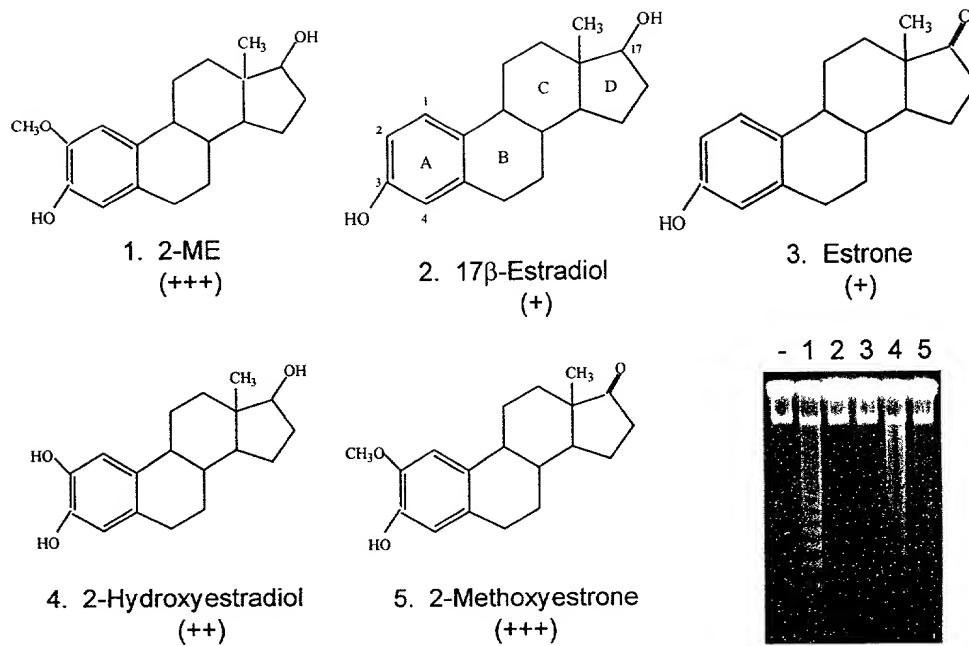


FIG. 19C

FIG. 19D



**FIG. 20**

FIG. 21A

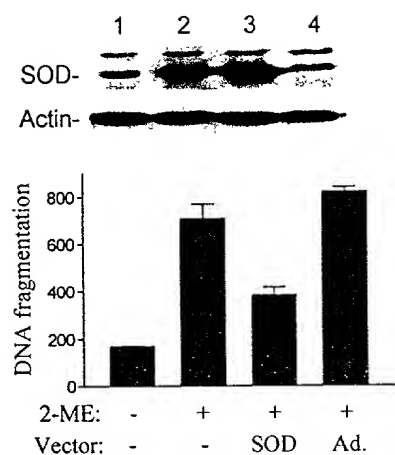


FIG. 21D

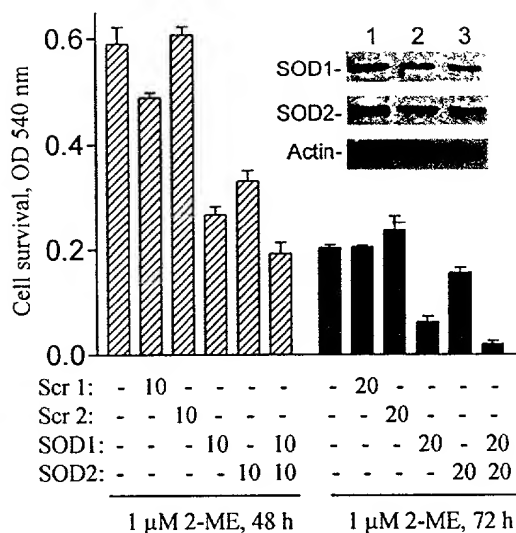


FIG. 21B

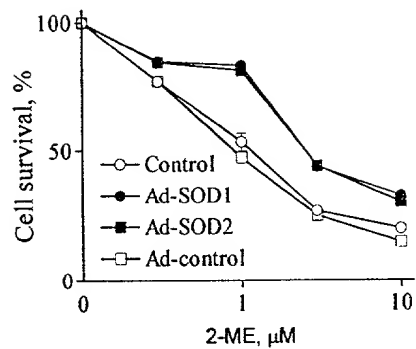


FIG. 21E

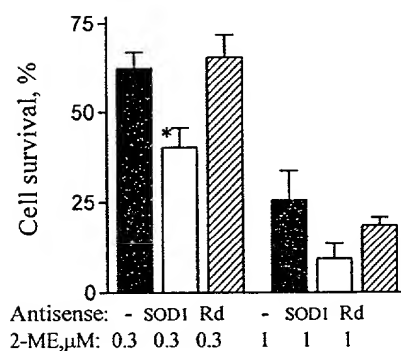
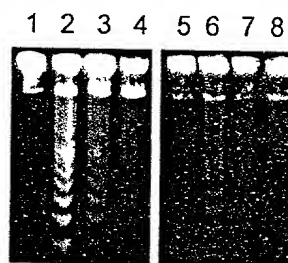


FIG. 21C

Colony formation (% control) in H1299 cells

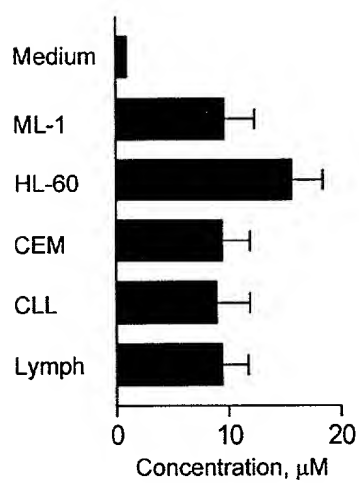
2-ME ( $\mu$ M)	Vector		
	Ad-cont.	SOD1	SOD2
0	100	100	100
0.03	70	105	100
0.1	84	98	83
0.3	43	69	51
0.5	15	39	32
1.0	0	5	0

FIG. 21F

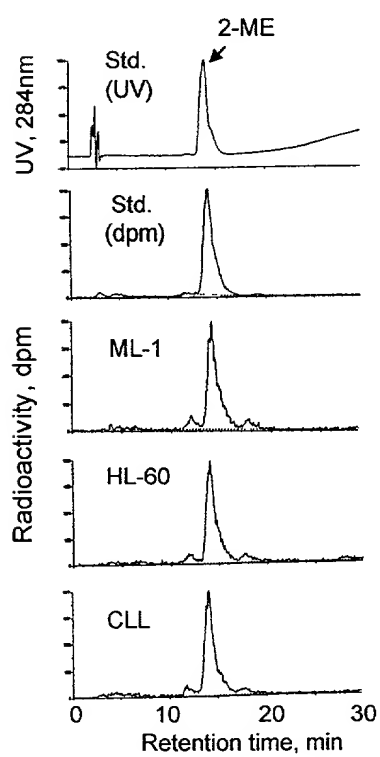


**FIG. 22A**

**a**



**b**



**FIG. 22B**

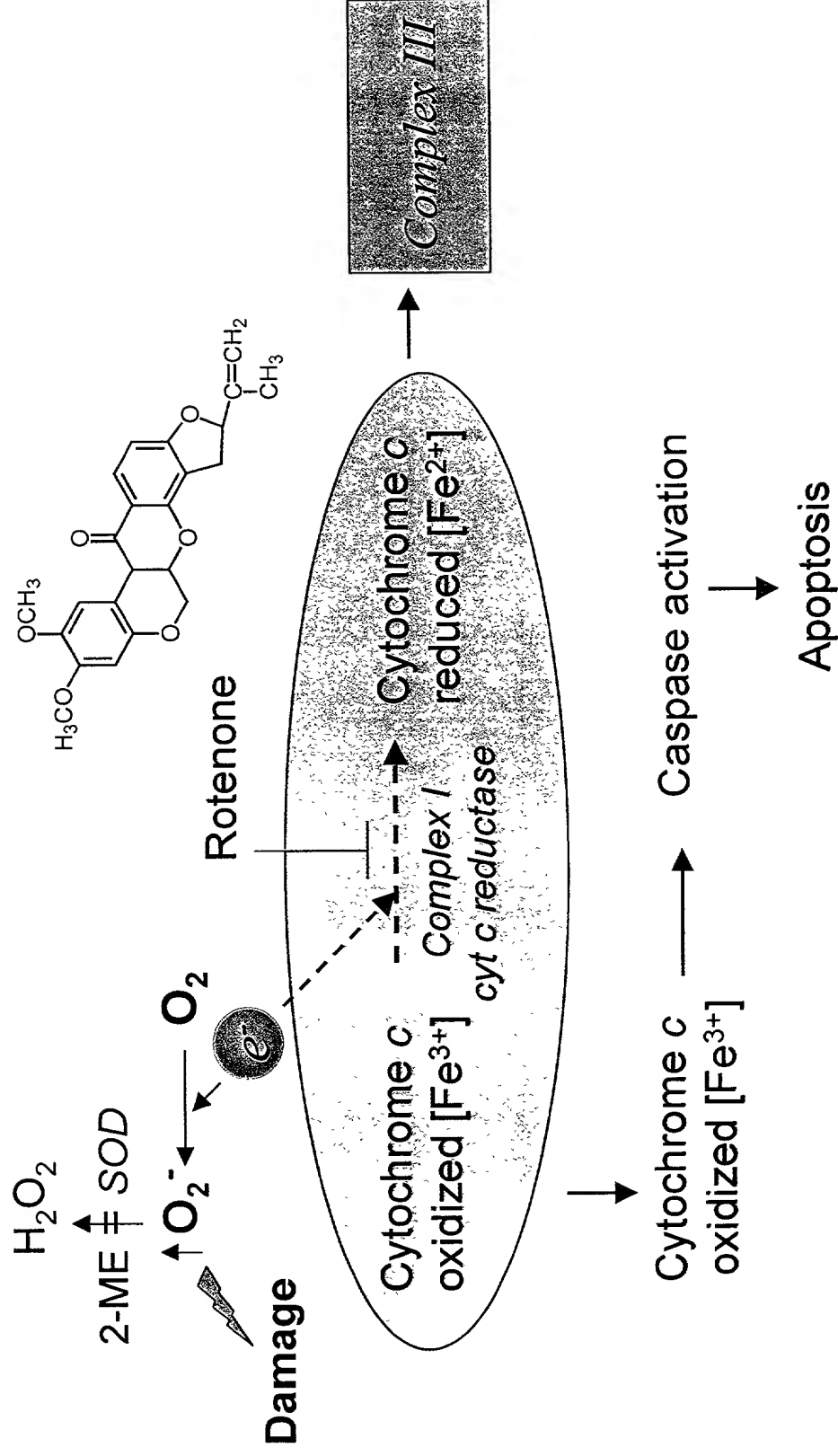


FIG. 23

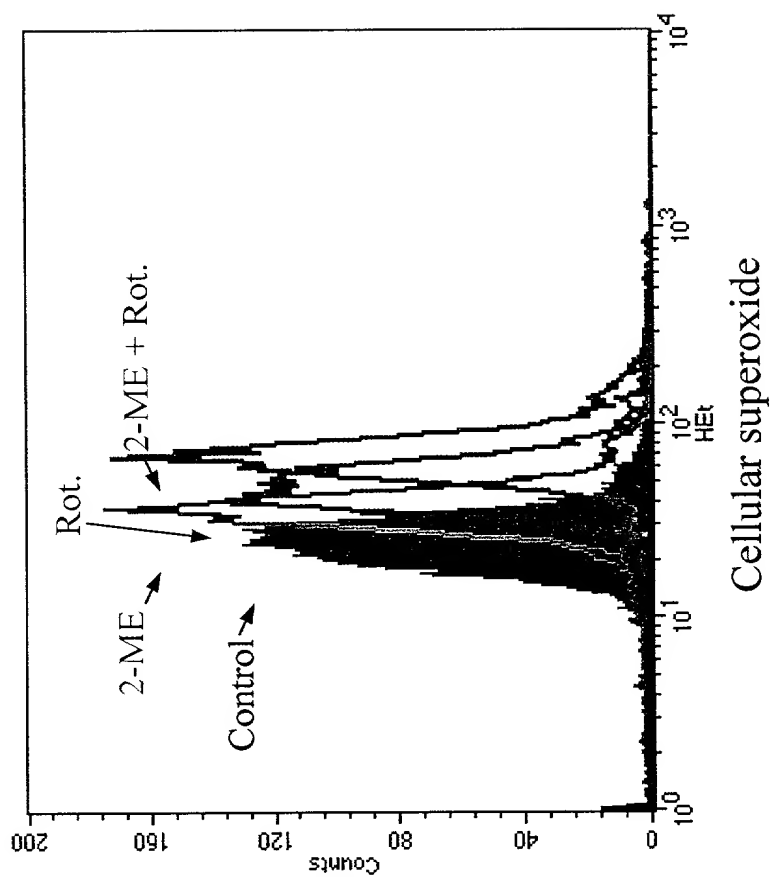


FIG. 24



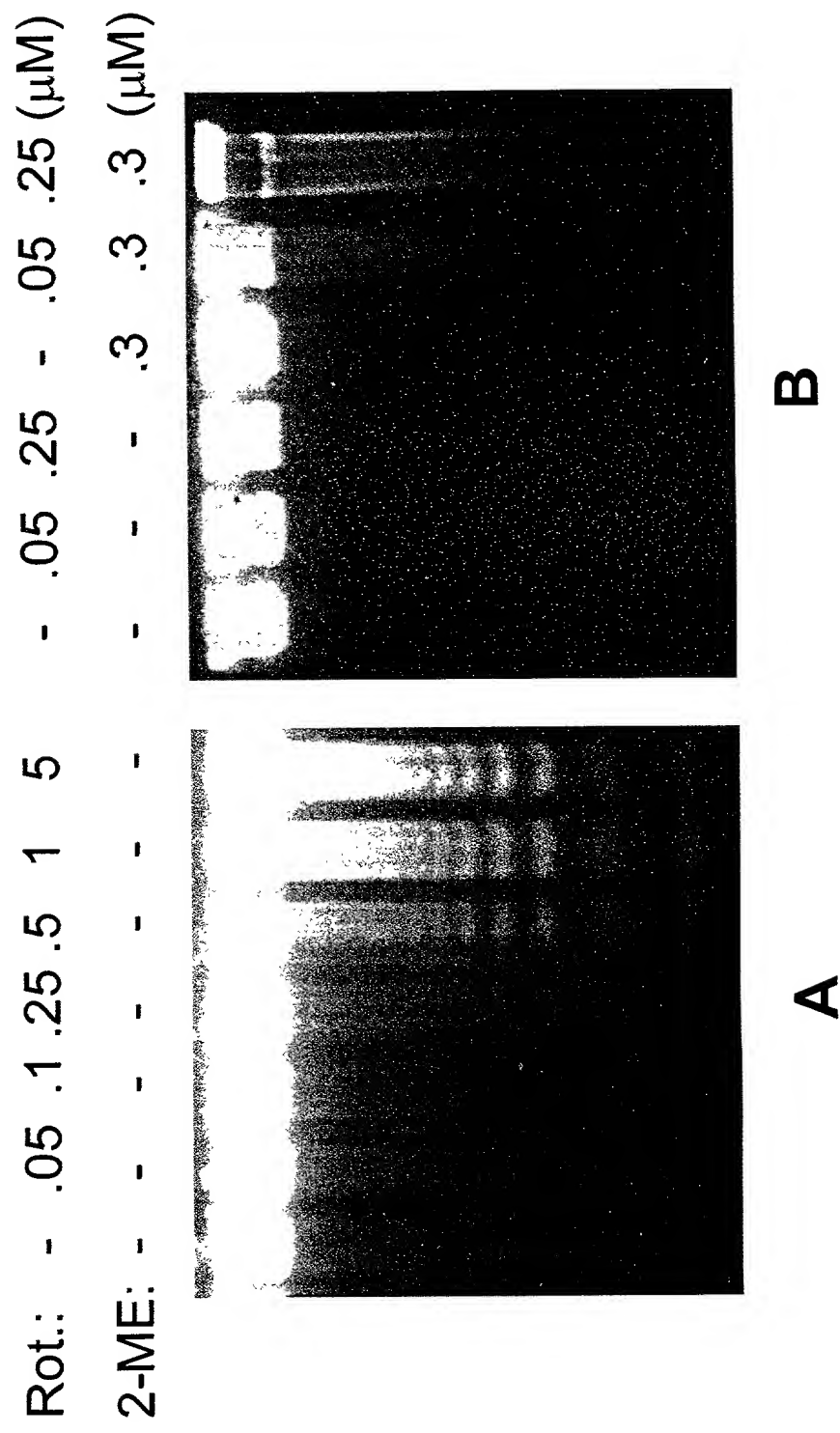


FIG. 25

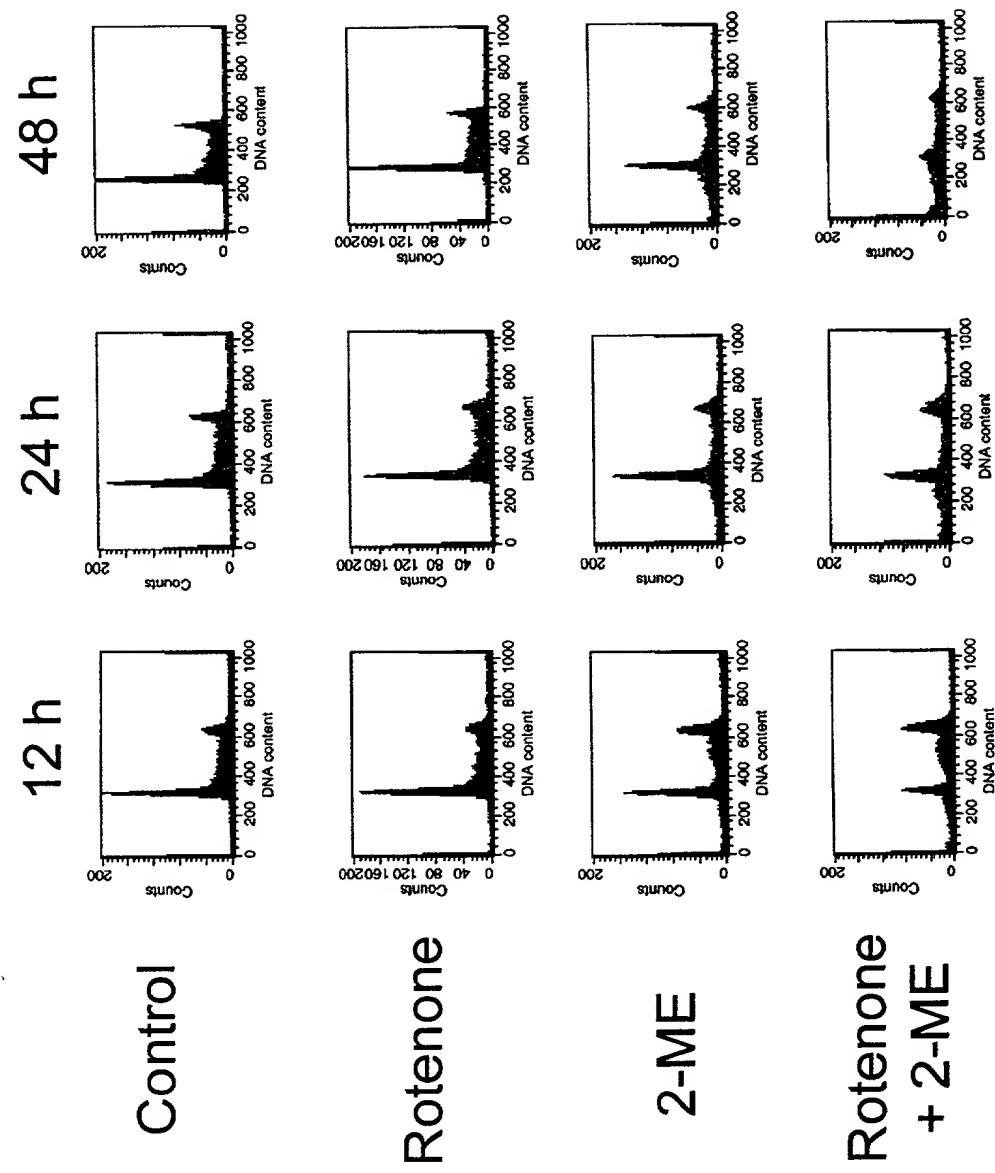


FIG. 26

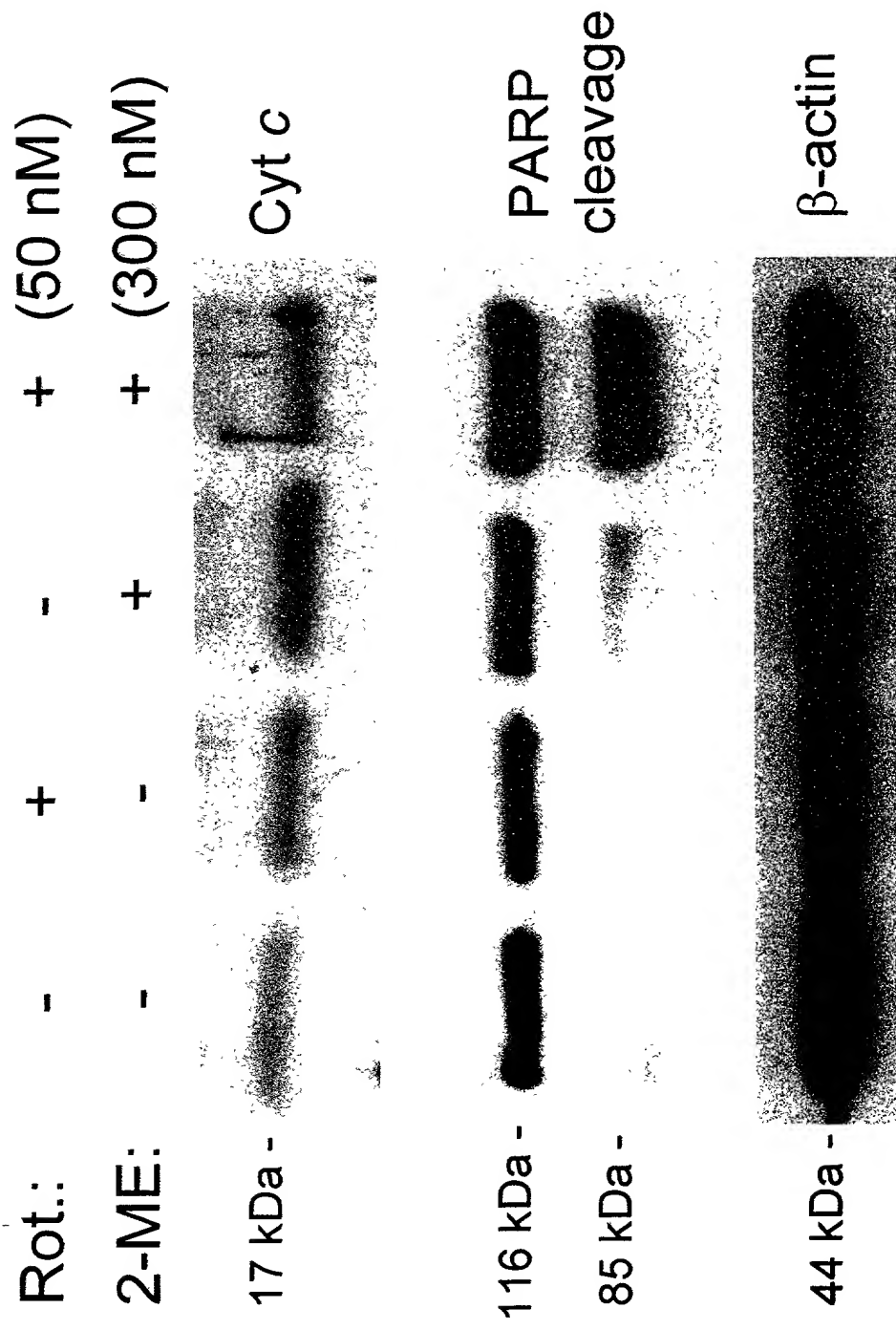


FIG. 27

Drug, nM		Cellular NTP, $\mu$ M			
Rot.	2-ME	ATP	CTP	UTP	GTP
-	-	761 $\pm$ 61	65 $\pm$ 6	174 $\pm$ 3	160 $\pm$ 10
50	-	651 $\pm$ 8	50 $\pm$ 3	146 $\pm$ 8	128 $\pm$ 4
-	300	711 $\pm$ 15	76 $\pm$ 4	181 $\pm$ 16	159 $\pm$ 1
50	300	506 $\pm$ 2	53 $\pm$ 1	117 $\pm$ 10	112 $\pm$ 3

FIG. 28

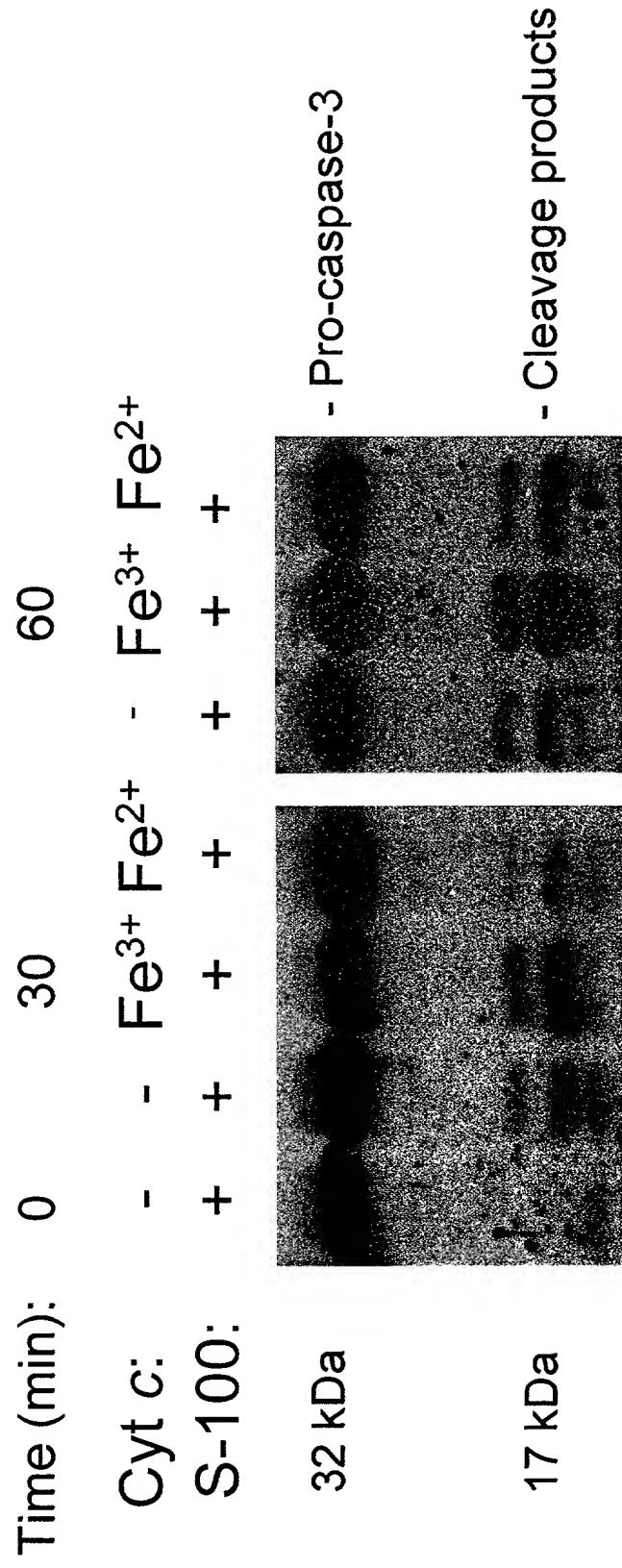
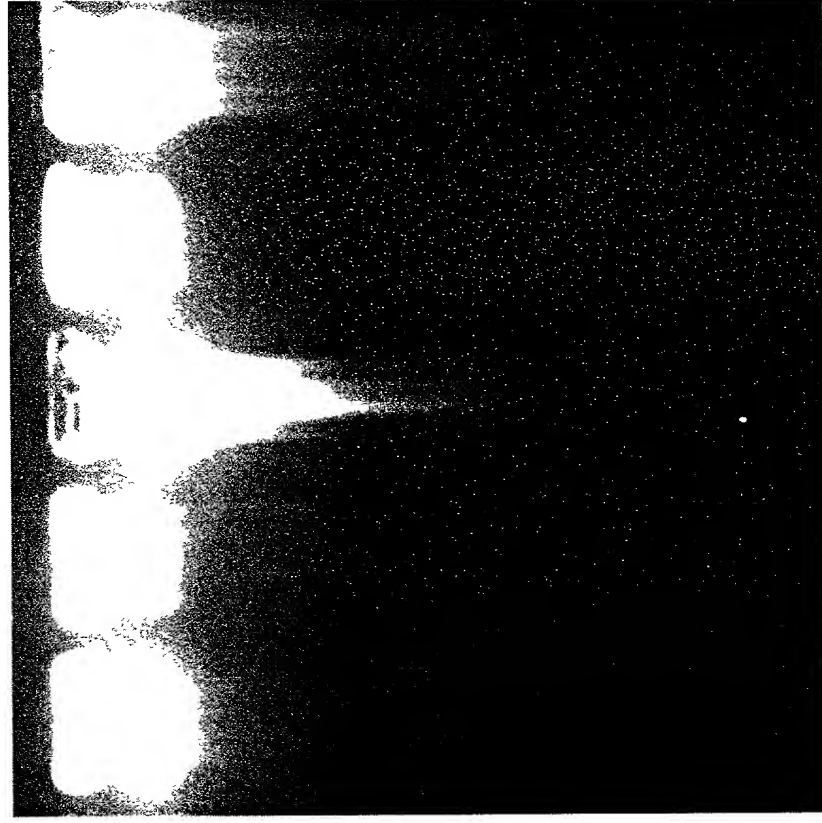


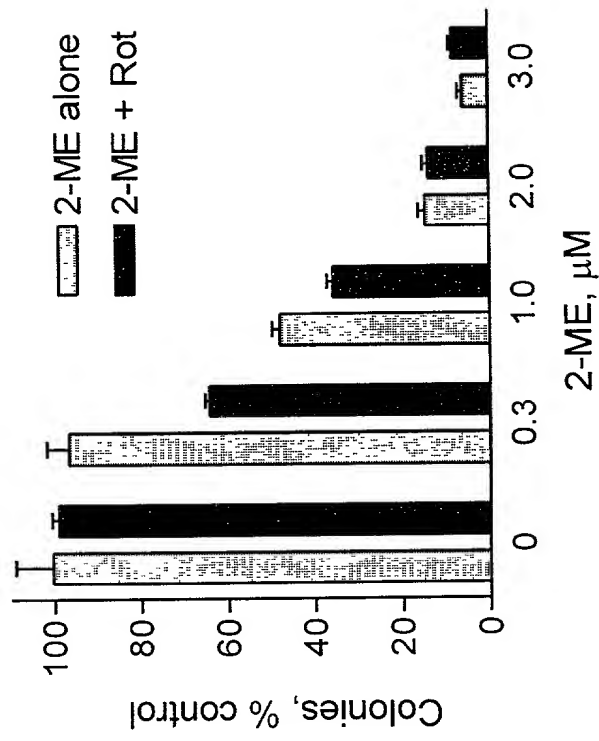
FIG. 29

Control Cyt c [Fe<sup>3+</sup>] Cyt c [Fe<sup>2+</sup>]

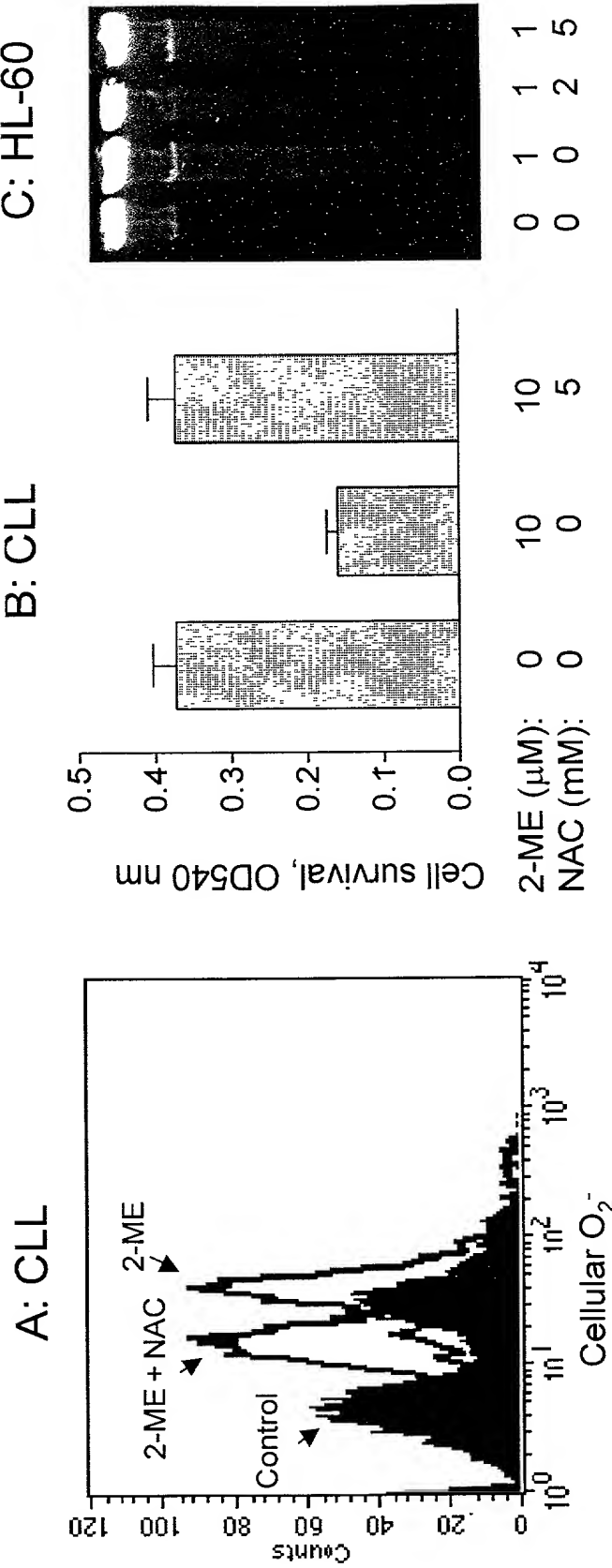
Time (h): 2 1 2 1 2



**FIG. 30**



**FIG. 31**



**FIG. 32**



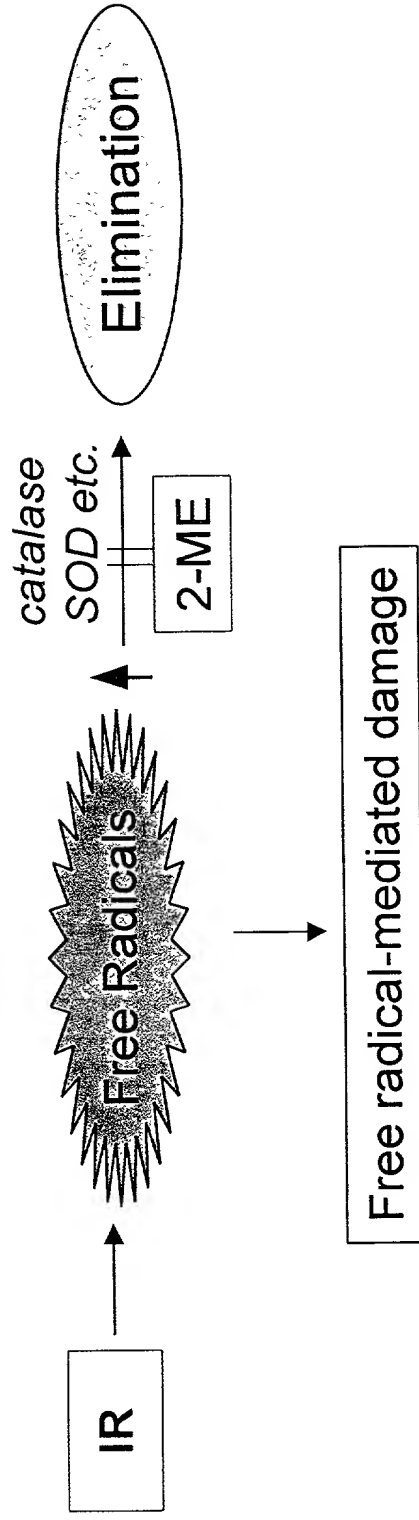
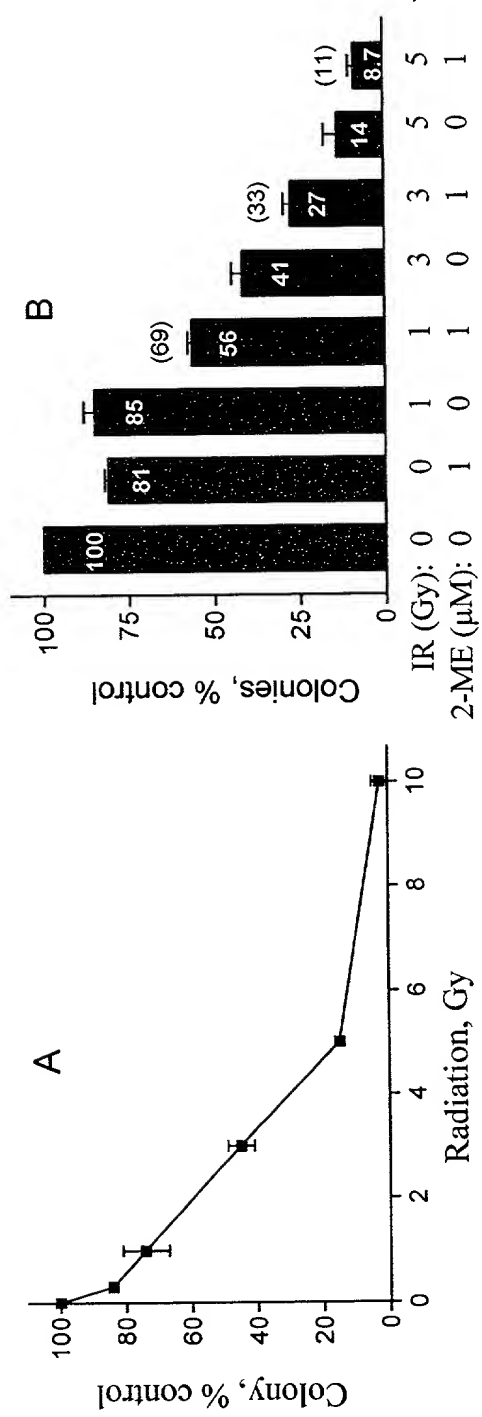
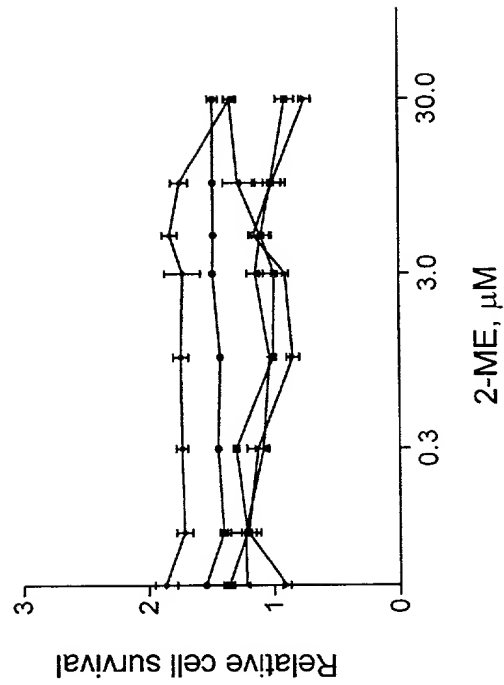


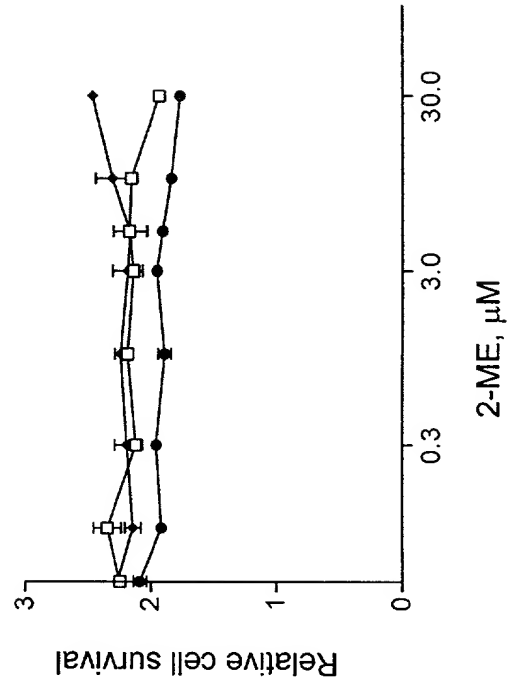
FIG. 33



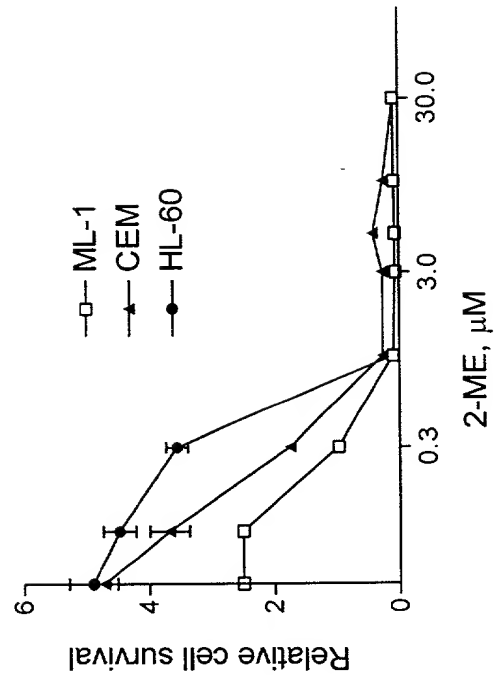
**FIG. 34**



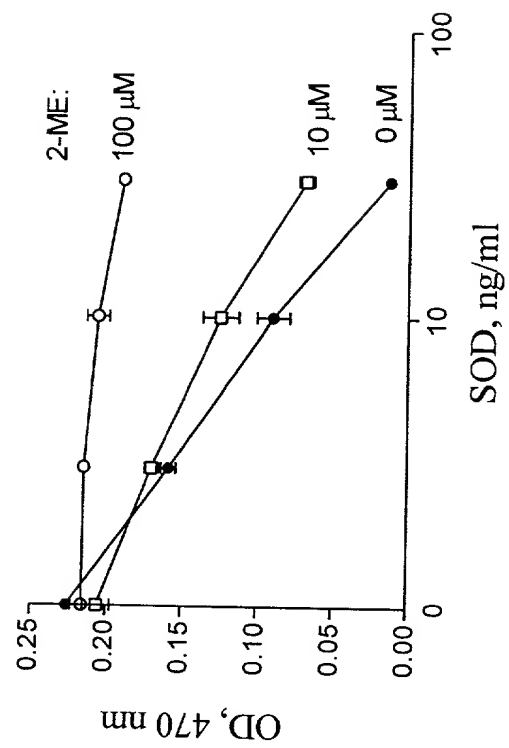
**FIG. 35**



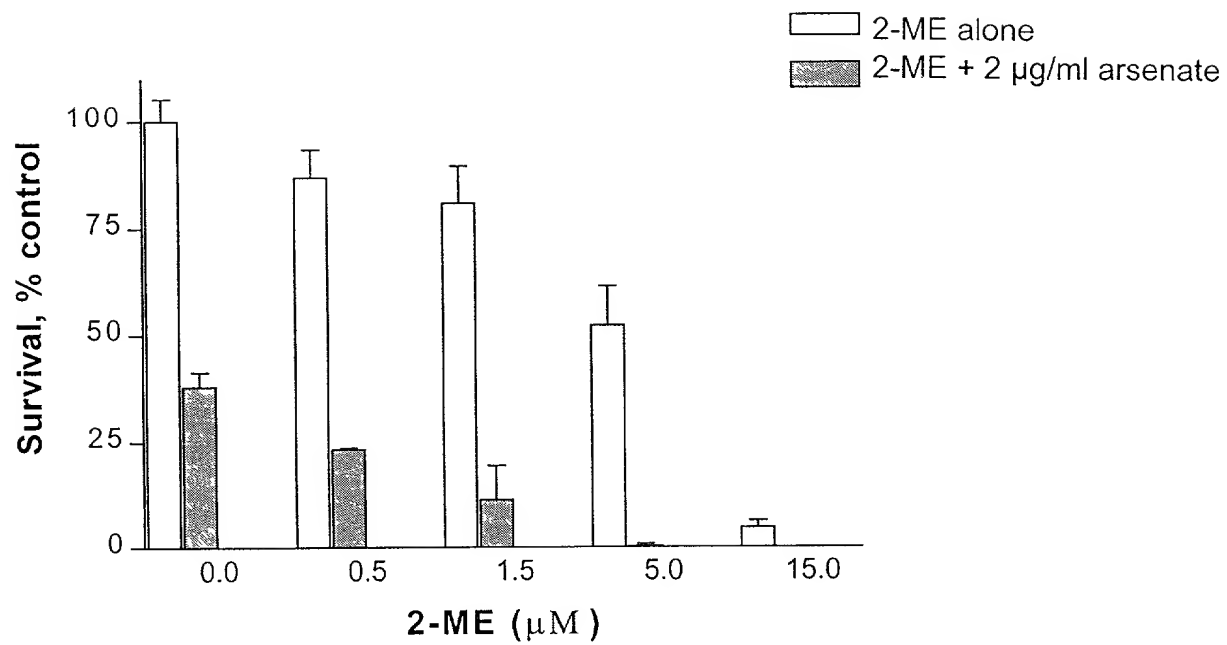
**FIG. 36**



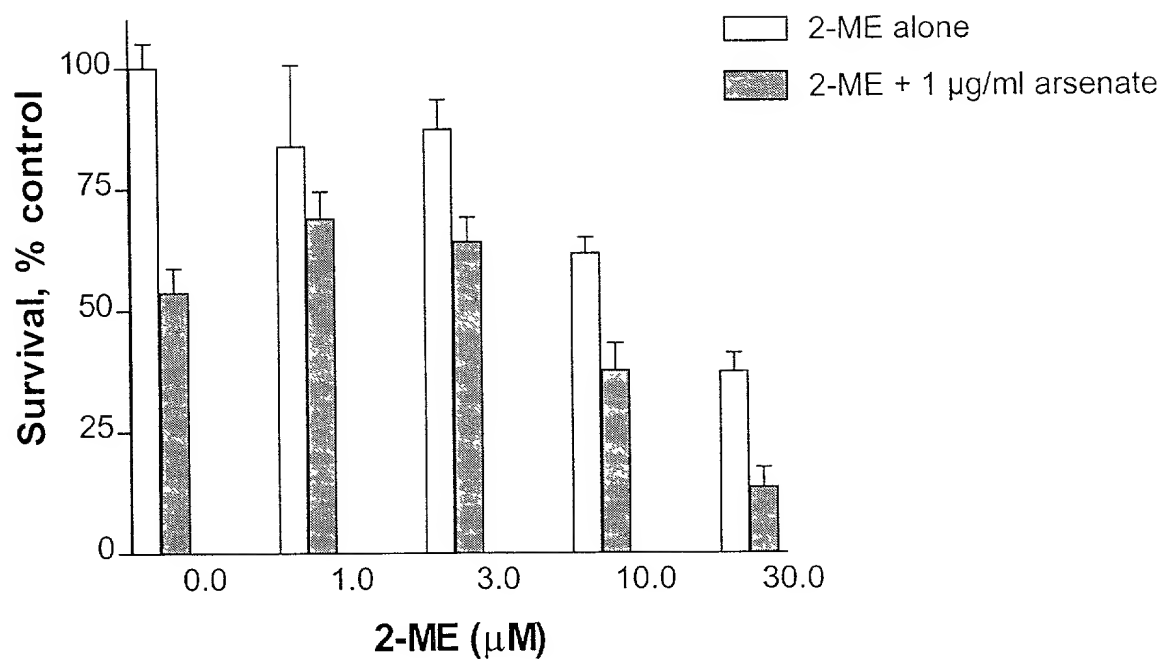
**FIG. 37**



**FIG. 38**

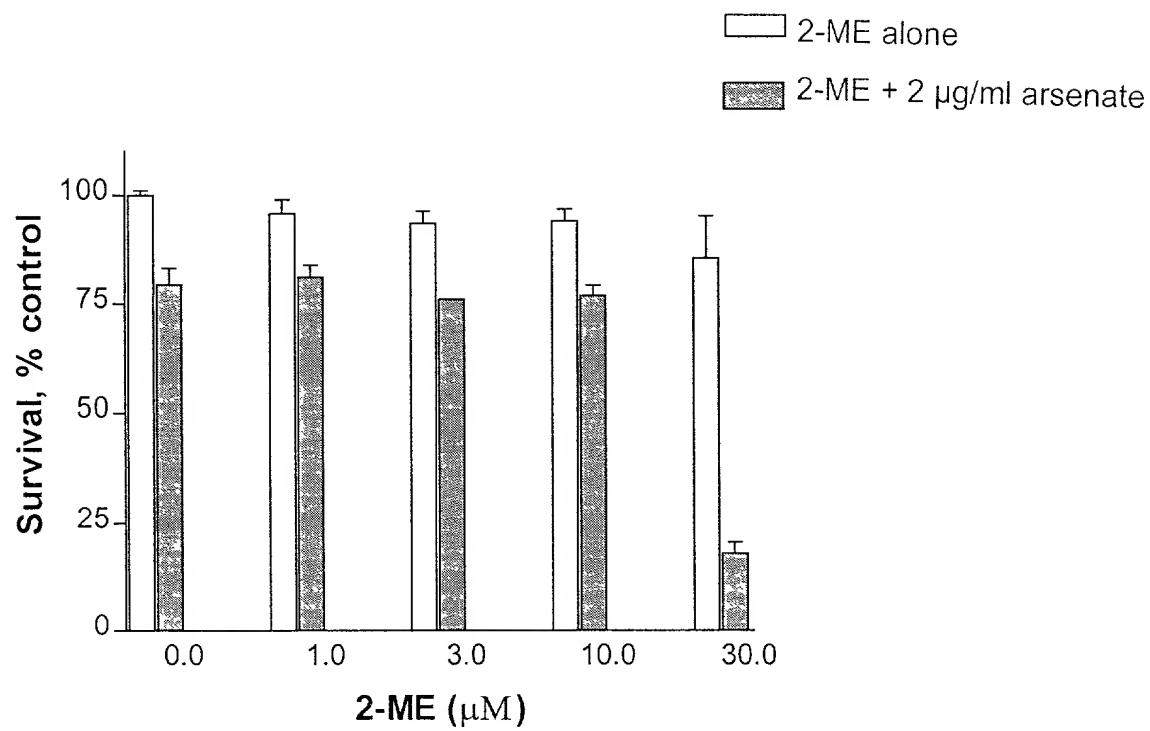


**FIG. 39**

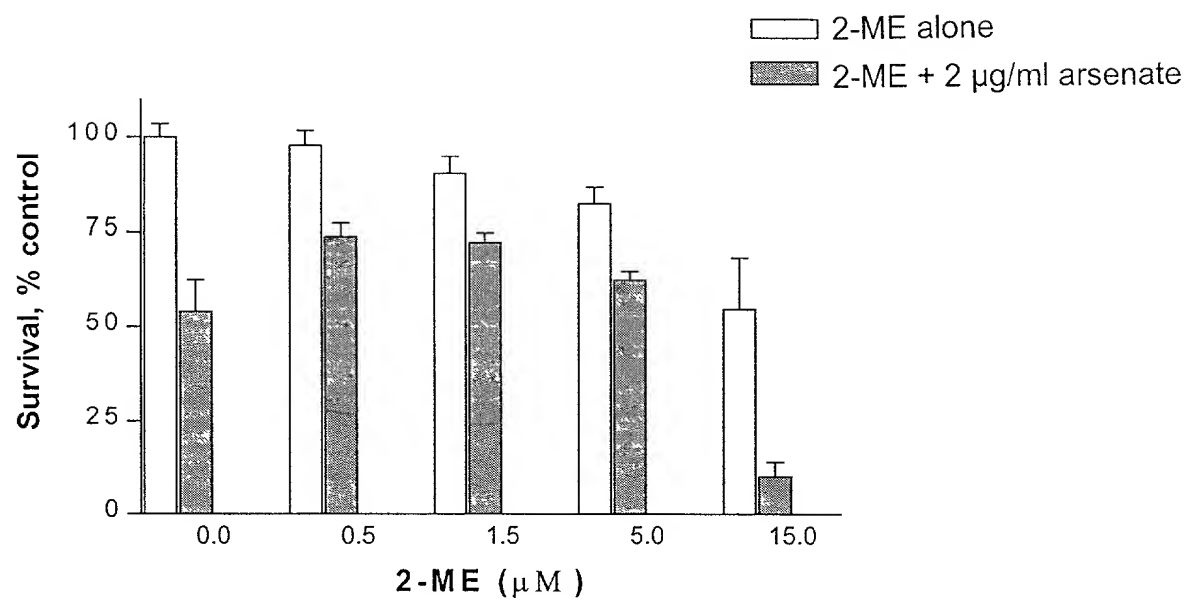


**FIG. 40**





**FIG. 41**



**FIG. 42**

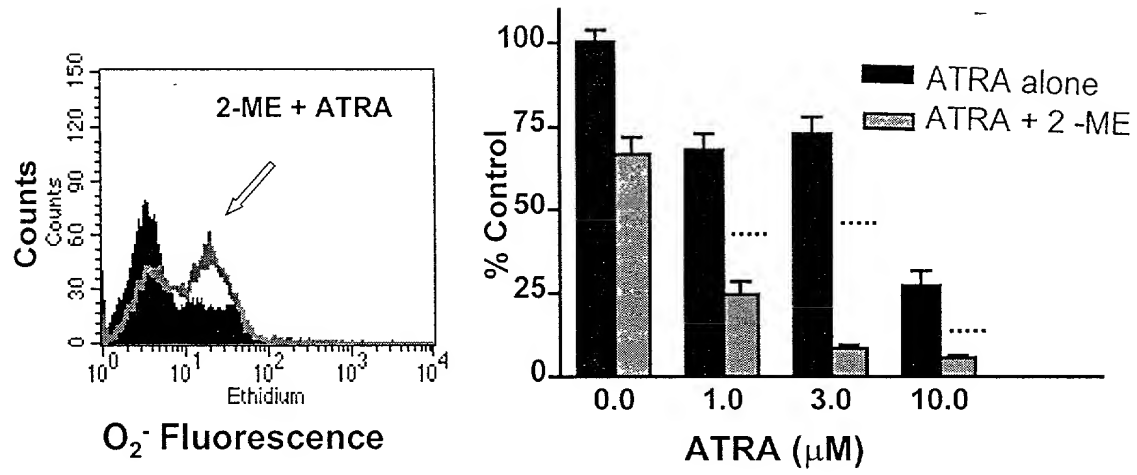


FIG. 43